

Work Order ID 135996

135996

Page 1

Thursday, August 27, 2015 8:17:43 AM

Item ID: D4705-1

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Pin, Quick Release

Start Date: 8/27/2015 Start Qty: 10.00

10

Cust Item ID:

Required Date: 8/27/2015 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan: MLS

Date: AUG 27 2015

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4705	A								

100

0.00

100

Purchasing

Memo

0.00

Purchasing

Issue P/O: 29680
Order as per Dwg D4705-1
Possible supplier: Monroe
Material release note is required

CZ SEP 03 2015 60

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

60k 5015-11-17

120

QC6- Inspect dimensions to drawing

0.00

120

QC

Memo

0.00

Quality Control

60 DAS 38 NOV 17 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

Thursday, August 27, 2015 8:17:48 AM

Page 1

135996

D4705-1

Required Date: 8/27/2015

Required Qty: 10.00

Comments: IPP REV:A 12.08.16 NEW ISSUE DD VERF:JFS

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4705-1P		Purchased	No			110	Each	0.0000	1	10	600		
D4705-1P									**	Cox Sp/5u-			
Quick Release Pin													

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

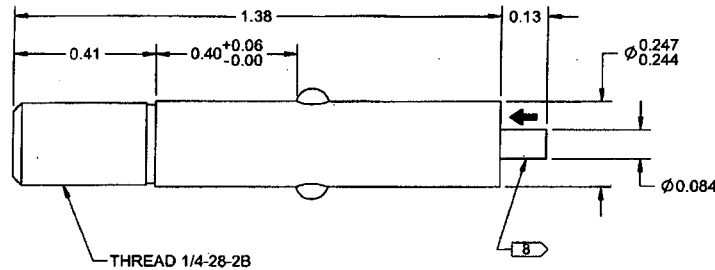
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		OTHER : ☐			

SPECIFICATION CONTROL DRAWING

135996¹ ML5
15-08-27



THREAD 1/4-28-2B

D4705-1 QUICK RELEASE PIN

NOTES:

- 1) MATERIAL: 17-4 PH H900/S17400 / TYPE 630 STAINLESS PER AMS 5643 / ASTM A564
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4705-1" AND B/N "BXXXXX" PER QSI 044 6.7
- 7) WEIGHT: 0.01lbs
- 8) RELEASES BALLS INWARD FLUSH OR UNDERFLUSH TO SHAFT WHEN PRESSED IN
- 9) RECOMMENDED SUPPLIER: MONROE ENGINEERING, 1030 DORIS, AUBURN HILLS, MI 48326

A		NEW ISSUE		RP	12.09.19	
REV.		DESCRIPTION			BY	DATE
DESIGN		RP		DART AEROSPACE USA, INC.		
DRAWN		RP		KENT, WA		
CHECKED		AP		DRAWING NO.		REV. A
MFG. APPR.		[Signature]		D4705		SHEET 1 OF 1
APPROVED		[Signature]		TITLE		SCALE
DE APPR.		[Signature]		QUICK RELEASE PIN		NTS
DATE		12.09.19		COPYRIGHT © 2012 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESSE UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.		

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29680**

Purchase Order Date 9/3/2015

PO Print Date 9/3/2015

Page Number 1 of 2

Order From :

VU-MOP01

Ship To : DART AEROSPACE LTD

MONROE PMP
1030 DORIS ROAD
AUBURN HILLS
MICHIGAN, MICHIGAN 48326
USA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 248-292-5702

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Ship To Contact

Terms

Net 30

Ship To Phone

Currency

USD

Ship Via:

FedEx Overnight collect

FOB

EXW - (Ex Works)

Ship Acct:

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D4705-1P AS PER DWG D4705 REV. A B135996	Quick Release Pin	10/29/2015 Yes 10/29/2015		60.00 Each	\$51.43	\$3,085.80
Line Total:							\$3,085.80
2	71401-45	PROCUREMENT QUALITY CLAUSES	10/29/2015 No 10/29/2015		1.00	\$0.00	\$0.00
PROCUREMENT QUALITY CLAUSES							
A005 RIGHT OF ENTRY							
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)							
A012 CHEMICAL AND PHYSICAL TEST REPORTS							
A016 PERSONNEL QUALIFICATION							
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)							
A026 CERTIFICATION OF MATERIAL CONFORMANCE							
A041 QUALITY MANAGEMENT SYSTEM							
A042 DART NOTIFICATION BY SUPPLIER							
A043 RETENTION OF QUALITY DOCUMENT							

PO Instructions: Fedex Acc#151793240

Note:

9/3/2015

		1030 Doris Rd Auburn Hills, MI 48326 P248-292-5700 F248-475-1689	
Certificate of Conformance			
Part #:	D4705-1P ✓		
PO:	PO29680		
Description:	QUICK RELEASE PIN, DWG D4705		
Lot #:	133682		
Quantity:	60 SP15-11-17		
It is hereby certified that the materials, parts or assemblies supplied in this shipment have been inspected/tested to the applicable buyer specifications according to requirements of the purchase order and unless otherwise noted have been found to be in conformance. Results of all chemical and physical tests as well as other evidence of conformance that shows acceptability of raw material, parts and assemblies are on file and available for review by the buyer according to the purchase order or specifications.			
Name:	Shawn Brodie		Date
Title:	Quality Assurance		11/16/15

E(10U(s10h0p3t12V
SHIPPER

Monroe PMP
1030 Doris Road
Auburn Hills, MI 48326

ACCOUNT#
37223

DATE SHIPPER#
11/10/15 424305

SOLD TO DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A1K7
CANADA

SHIP TO DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A1K7
CANADA

PO# PO29680

SHIPVIA: FEDEX NEXT DAY COLLECT ACCOUNT: 151793240

ORDER SHIPPED BACKORD PART#/DESCRIPTION

60 60 0 D4705-1P
QUICK RELEASE PIN, DWG D4705
LOT 133682 60

REV# A
REV# A

ORDER NO.397565